Titan Tricks

Testing LEDs with USB Expert

Charles Hoebanx, March 2021

See https://www.facebook.com/groups/Avolites/posts/2445598162239070/?comment_id=2457377487727804

If any of this isn't reflecting your own experience maybe I should know... :

I managed to find my way through the testing tools, thanks to Sebastian, but I found the USB Expert LED test tool a bit finicky so a little follow up may be useful for someone in the future.

The only reliable way I found to test all my leds was to do exactly this :

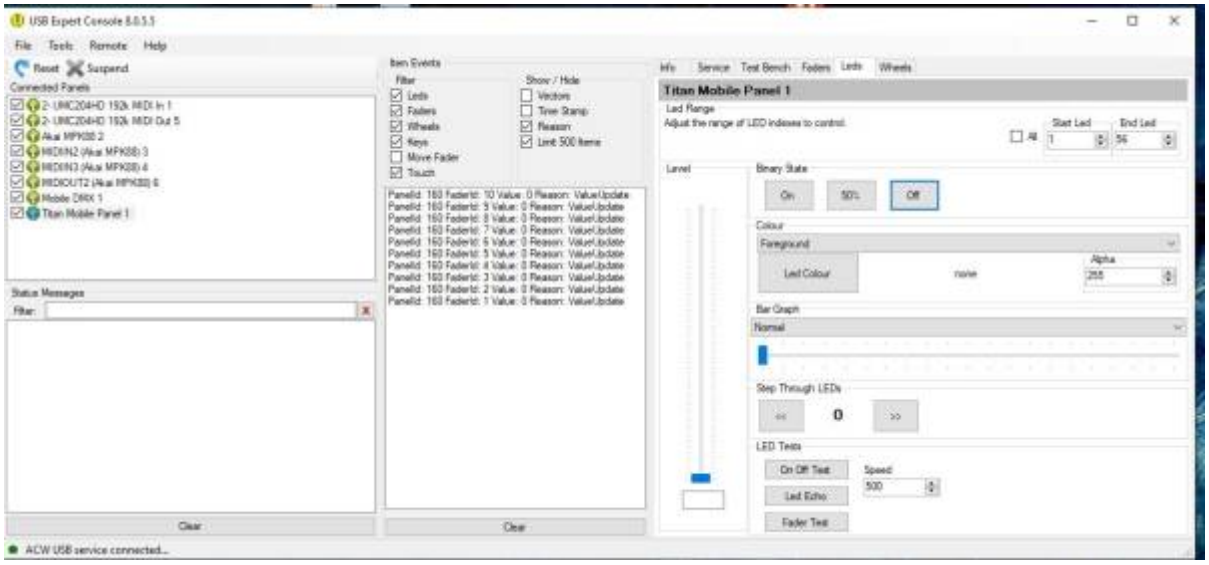
- connect the Mobile, open USB Expert Console
- start the ACW service (Tools>ACW>Start)
- under Connected Panels click Titan Mobile Panel 1
- on the right side click on the 'LEDs' tab
- For now, don't touch anything apart from the 'Led Range' section, and **don't** check the 'All' box.
- Keep 1 as Start Led, and set the End Led at 56.
- Now in the 'Binary State' section you can use any of the three (On/50/Off) buttons, and all leds should react accordingly (except those of the faders swop buttons).

Important Notes:

- If you use a greater number than 56 in the range (i.e. 1>57 or 2>57), it won't work at all. You won't even be able to off the leds you lit up until you go back to 56.
- Note that the other test functions won't work either if the led range stop is above 56.
- The 'All' button seems to have no effect (other than preventing you from editing the range), don't bother.
- The 'Step Through LEDs' Function will allow you to find the order or the number of your faulty LED - if you have only one.
- Yes, excluding faders there are only 54 leds on the TM. But [Record] is #56 and [Go] is #55.

In my tests, numbers 30, 39 and 47 never lit anything. Sebastian says 30 is my faulty [Blind] led, and I could lit everything else, so I assume 39 and 47 are unassigned numbers.

Again, I never managed to lit the fader's swop buttons, but they're easy enough to test in Titan itself so I won't bother.



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Last update: **2022/03/22 11:05**